P 211931Z SEP 67 FM NPIC WASHDC TO RUCSAAA/SAC OFFUTT AFB OMAHA NES RUCVAAA/4080 STRAT WG OL 19 BARKSDALE AFB LA RUCVAAA/2D RTS BARKSDALE AFB LA RUEPJS/DIA WASHDC RUCIJRA/NAVRECONTECHSUPPCEN SUITLAND MD RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF RUCVAAA/2 AF BARKSDALE AFB LA INFO RUEPIA/CIA WASHDC BT

04Z

20

SECRET CITE NPIC 1820.

15TH AF (FOR DI), SAC (GLASS LAMP/DOCR, DM 4) 2D AF (FOR DI). 1. CAMERA SYSTEM 111B, UNIT THREE WAS USED ON MISSION G 982 FLOWN 19 SEPTEMBER 1967.

2. ORIGINAL NEGATIVE:

A. THE ENTIRE MISSION APPEARS UNDEREXPOSED. IN SOME AREAS WHERE THE SHUTTER SPEED WAS AT 80 INCHES PER SECOND, THE DENSITY OF THE ORIGINAL NEGATIVE IS MEDIUM BUT IN MOST CASES THE DENSITY IS LOW.

B. METERING ANOMALIES ARE NOTED BETWEEN FRAMES 770 AND THERE IS NO FORMAT OVERLAPPING BUT IN SOME INSTANCES THE METERING WAS THERE WAS FILM MOVEMENT DURING EXPOSURE.

NORMAL THROUGHOUT THE REST OF THE MISSION.

C. THE IMC APPEARS TO HAVE OPERATED SATISFACTORILY THROUGHOUT THE MISSION. IMAGE SMEAR IS NOTED WHERE THE CAMERA AIMING ANGLE WAS CHANGED DURING OPERATION. HOWEVER, NO SMEAR IS APPARENT IN THE LONG TRACK DIRECTION.

D. THE SHUTTER FAILED TO OPEN ON FRAMES 271, 687, AND THE DIGITAL COUNTER REMAINED AT 320 FOR FRAMES 271 AND

IN ALL OTHER CASES THE COUNTER WORKED PROPERLY.

E. TWO MODES WERE USED DURING THE MISSION; MODE TWO, WITH A 2.25 SECOND CYCLE TIME, AND MODE FIVE. THE FOLLOWING SHOWS WHEN EACH MODE WAS USED.

MODE FRAME TWO 001-100 FIVE 101-271 TWO 272-486 FIVE 487-634 TWO 635-691

Declass Review by NGA

692-1682 FIVE SLIGHT MISTRACKING OCCURRED INTERMITTENTLY THROUGHOUT THE MISSION. THERE IS A BLACK BAND, Ø. Ø6 INCH WIDE ON THE TITLED EDGE OF THE FILM BETWEEN FRAMES 778 AND 786. MINOR ABRASIONS ARE ALSO PRESENT; HOWEVER, NO APPARENT IMAGE DEGRADATION IS NOTED.
G. THE 24 HOUR CLOCK IS OUT-OF-FOCUS AND DIFFICULT TO READ.

THE RESOLUTION IS NOT UP TO THE CAPABILITIES OF THE

THE ENTIRE MISSION APPEARS SLIGHTLY OUT-OF-FOCUS THE BEST RESOLUTION IS ESTIMATEDL

PLUS ONE SPACE); MOST OF MISSION IS NOT THAT GOOD.

3. POSITIVES:

A. PI SUITABILITY IS FAIR. THE PRIMARY AND SECONDARY TARGETS WERE ACQUIRED SATISFACTORILY; HOWEVER, THE LACK OF SHARP IMAGERY DECREASES THE AMOUNT OF INTELLIGENCE INFORMATION.

PRINTING AND PROCESSING ARE GOOD.

CLOUDS OBSCURED APPROXIMATELY TEN PERCENT OF THE MISSION.

GP-1 SECRET

GROW 1 Excluded from autor downgrading and deciassification

25X1

END OF MESSAGE